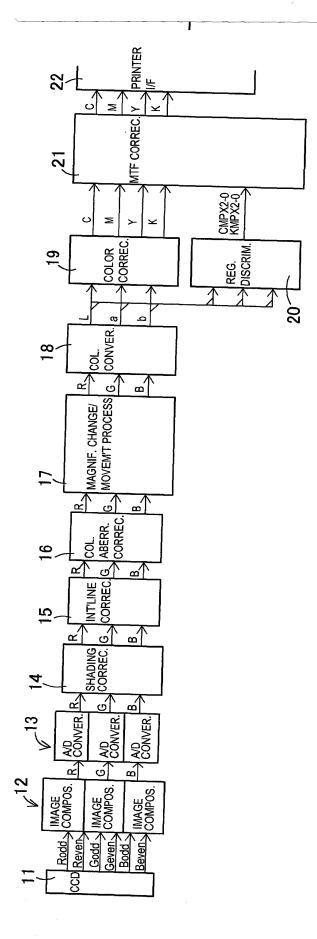
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FIG. 2

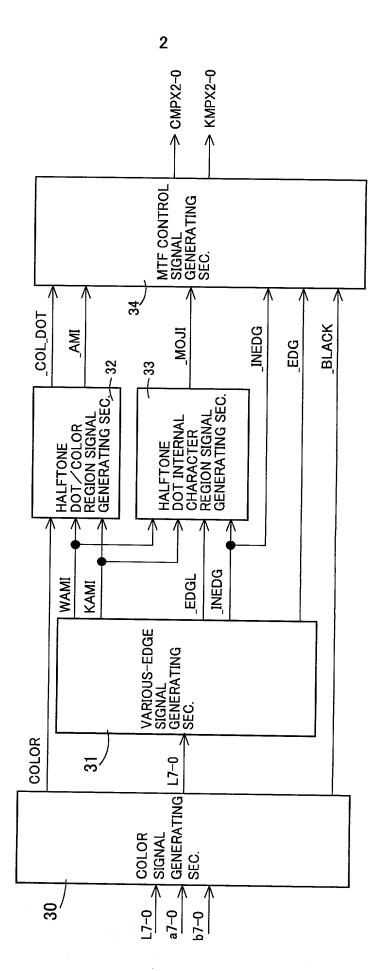
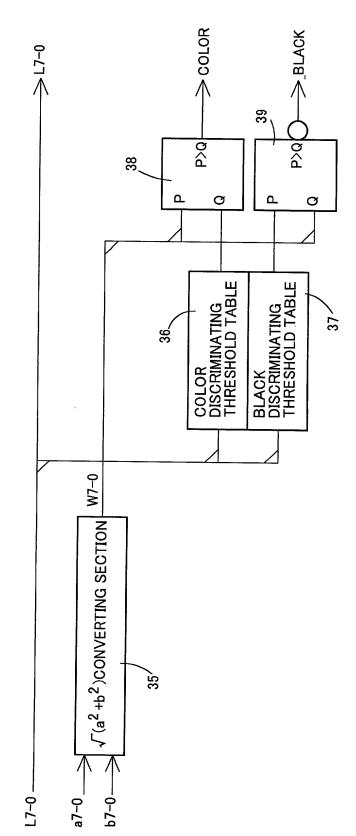


FIG. 3



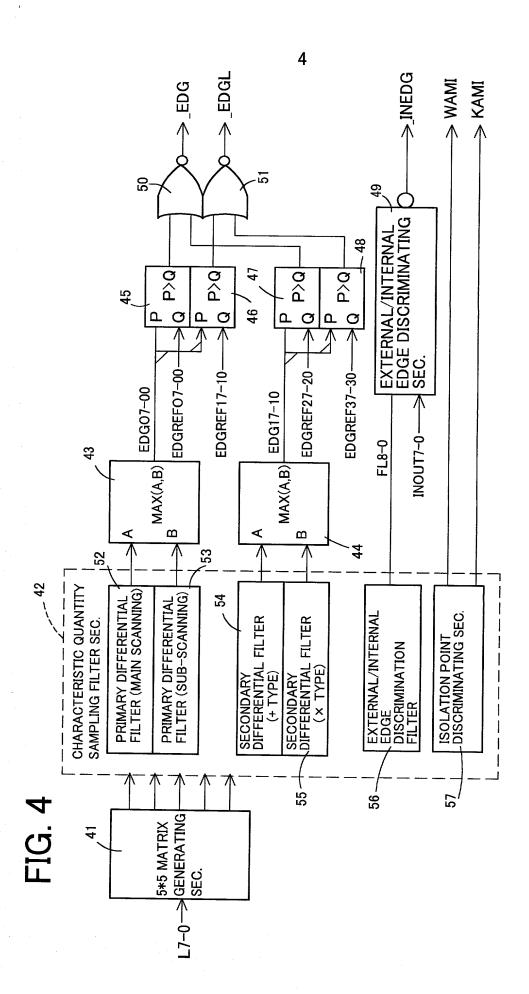


FIG. 5

PRIMARY DIFFERENTIAL FILTER (MAIN SCANNING DIRECTION)

16	0	0	0	-16
32	32	0	-32	-32
32	64	0	-64	-32
32	32	0	-32	-32
16	0	0	0	-16

FIG. 6

PRIMARY DIFFERENTIAL FILTER (SUB-SCANNING DIRECTION)

16	32	32	32	16
0	32	64	32	0
0	0	0	0	0
0	-32	-64	-32	0
-16	-32	-32	-32	-16

FIG. 7

SECONDARY DIFFERENTIAL FILTER (+ TYPE)

0	0	1	0	0
0	0	0	0	0
1	0	-4	0	1
0	0	0	0	0
0	0	1	0	0

FIG. 8

SECONDARY DIFFERENTIAL FILTER (\times TYPE)

1	0	0	0	1
0	0	0	0	0
0	0	-4	0	0
0	0	0	0	0
1	0	0	0	1

FIG. 9

EXTERNAL/INTERNAL EDGE DISCRIMINATING FILTER

1	0	1	0	1
0	0	0	0	0
1	0	-8	0	1
0	0	0	0	0
1	0	1	0	1

FIG. 10

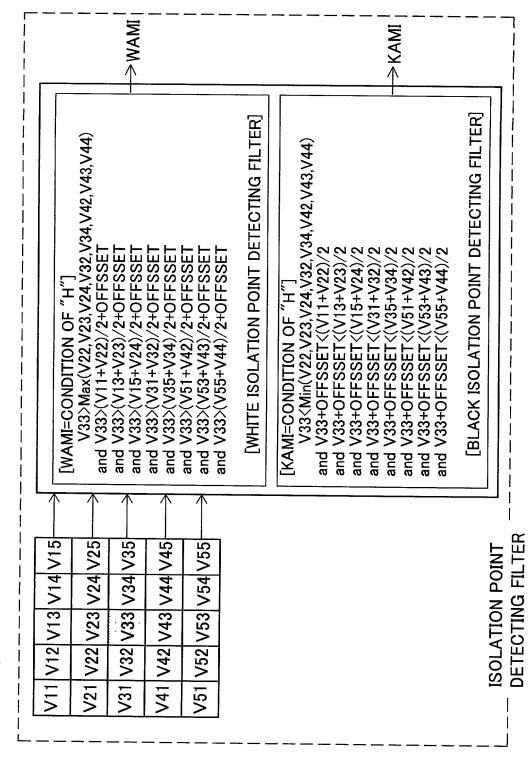


FIG. 11

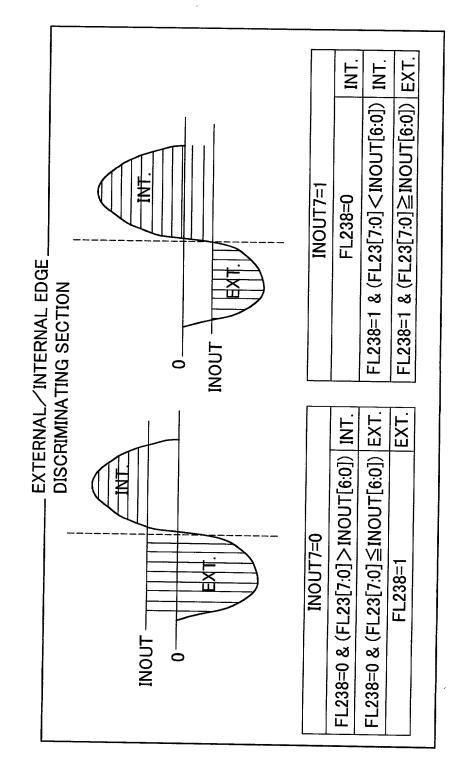


FIG. 12

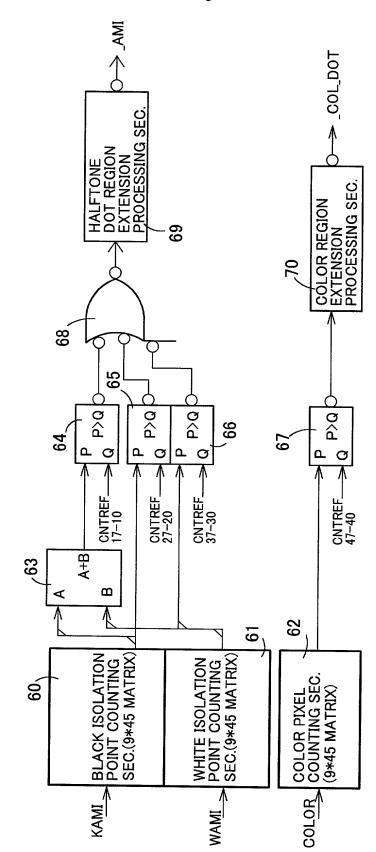


FIG. 13

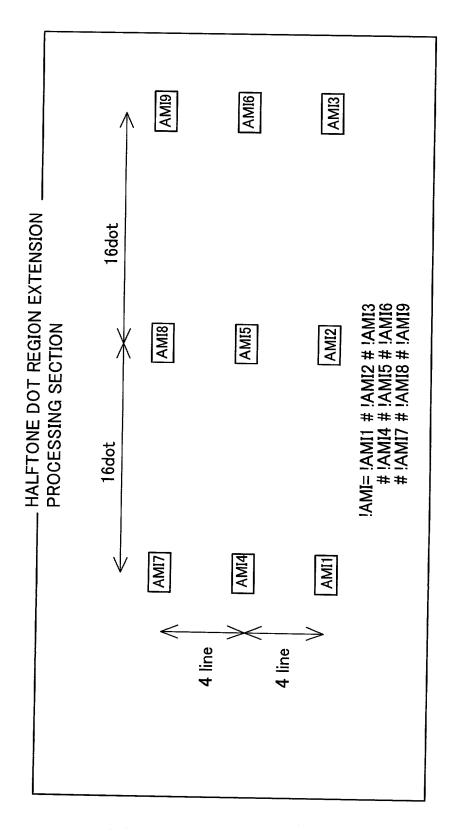
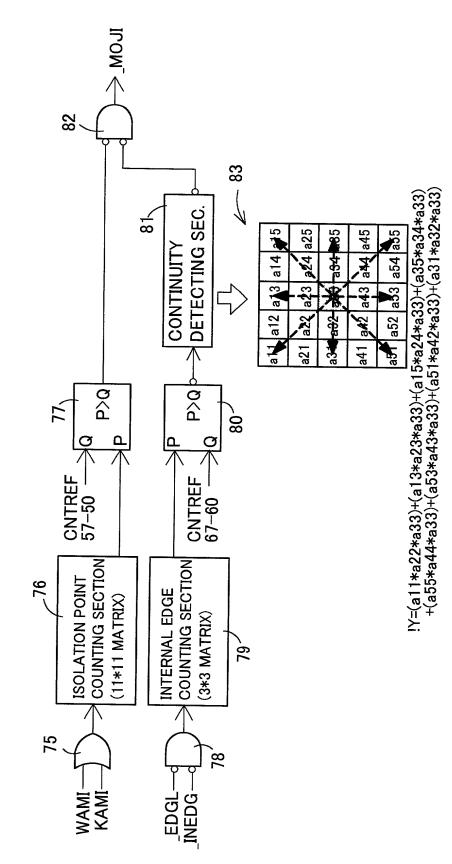


FIG. 14



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KMPX2 1 0	KMPX2 1 0	KMPX2	KMPX2 1 0 1	KMPX2 1 0	KMPX2 1 1
SIG. FOR K LEDG. LENHANC'T KMPX2 NO 1 YES 0	SIG. FOR K -0 EDG0 ENHANC'T NO YES NO		S. FOR K EDG. NO NO YES NO	EDG. ENHANCT NO YES NO	FOR K EDG. ENHANC:T NO NO NO
MTF CNTL. S. KMPX1-0	CNTL. 2 2 2 0	I E S	CNTL_SIG.	SNTL. SIG	KMPX1-0 0 0 0
BASE PROCE PROCE THRU THRU	MTF BASE PROCES. THRU THRU SMTH.	MTF C BASE PROCES. SMTH. SMTH.	MTF (PASE PROCES) MIN THRU	MTF C BASE PROCES THRU THRU SMTH.	MTF C BASE PROCES SMTH. SMTH.
CMPX2	CMY T CMPX2 1	CMY T CMPX2 1	CMY T CMPX2	CMPX2	CMPX2
SIG. FOR CMY EDG. EDG. NO 1 NO 1 NO 1	SIG. FOR EDG. ENHANC NO NO NO	SIG. FOR EDG. NO NO NO NO	SIG. FOR EDG. NO YES NO	F CNTL. SIG. FOR CMY CMPX1-0EDG. 2 NO 1 2 YES 0 1 0 NO 1	F CNTL. SIG. FOR C CMPX1-0EDG. 0 NO 0 NO 0 NO
MTF CNTL. S CMPX1-0 ES 1 ES 1	MTF CNTL. 6 ES. CMPX1-0 U 2 ES 1 .	TF CNTL CMPX1-0 0 0	MTF CNTL. SES CMPX1-0	MTF CNTL.	
MASE PROCES. PROCES. PROCES PROCES THRU	MT BASE PROCES. THRU MIN PROCES. SMTH.	BASE PROCES SMTH. SMTH.	MT BASE PROCES. THRU THRU	MTHRU SMTH.	MTF BASE PROCES ON SMTH. SMTH.
IMG.AREA DISCRIMINATION SIGNAL COL_DOT AMI MOJI INEDG EDG BLACK EXT. EDG. 1 1 - 1 0 1 INT. EDG. 1 1 - 0 0 0 SLD. 1 1 - 1 1	IMG.AREA DISCRIMINATION SIGNAL COL_DOT_AMI_MOJI_INEDG_EDG_BLACK EXT. EDG.	IMG.AREA DISCRIMINATION SIGNAL IMG.AREA COL_DOT_AMI[_MOJI_INEDG_EDG_BLACK EXT. EDG.	IMG.AREA DISCRIMINATION SIGNAL COL_DOT_AMI MOJI INEDG EDG EDG	IMG.AREA DISCRIMINATION SIGNAL COL_DOT_AMI_MOJI_INEDG_EDG_BLACK EXT. EDG. 0 0 0 1 SLD. 0 0 0 0 1 SLD. 0 0 0 0 0 1 SLD. 0 0 0 0 0 0 0 1 SLD. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	IMG.AREA DISCRIMINATION SIGNAL COL_DOT_AMI_MOJI_INEDG_EDG_BLACK EXT. EDG. 1 0 SLD. 1 0
IMG. CHARACTERISTICS CHARACTERISTICS LETTER:BL. EDG. BCKGRND:WH. SLD.	IMG. CHARACTERISTICS CHARACTERISTICS LETTER:BL. EDG. PCKGRND:COL. DOT	IMG. CHARACTERISTICS LETTER:BL. EDG. CHARACTERISTICS DEFERRING:BL. DOT	IMG. CHARACTERISTICS LETTER:COL. EDG. BCKGRND:WH. SLD.	IMG. CHARACTERISTICS LETTER:COL. EDG. PBCKGRND:COL. DOT	IMG. CHARACTERISTICS LETTER:COL. EDG. PGKGRND:BL. DOT
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FIG. 16

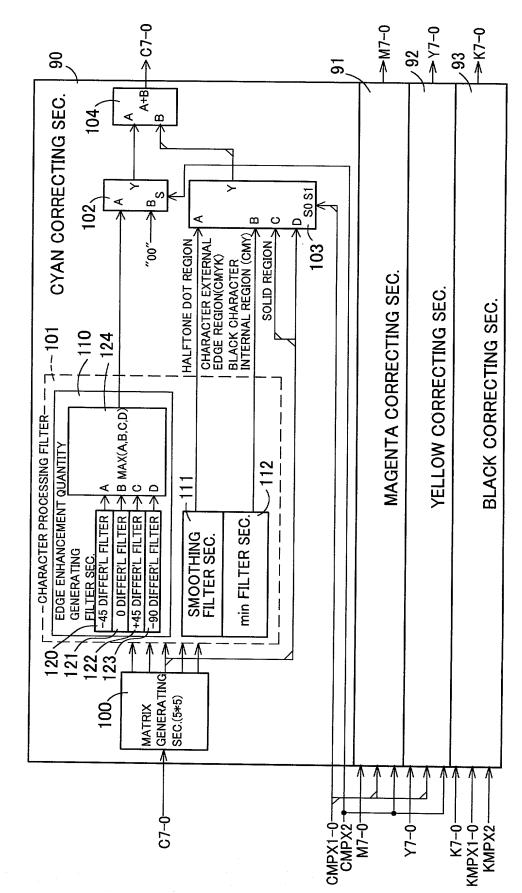


FIG. 17

-45 DEGREE DIFFERENTIAL FILTER

1	0	0	0	0
0	0	0	0	0
0	0	-2	0	0
0	0	0	0	0
0	0	0	0	1

FIG. 18

0 DEGREE DIFFERENTIAL FILTER

0	0	0	0	0
0	0	0	0	0
1	0	-2	0	1
0	0	0	0	0
0	0	0	0	0

FIG. 19

+45 DEGREE DIFFERENTIAL FILTER

0	0	0	0	1
0	0	0	0	0
0	0	-2	0	0
0	0	0	0	0
1	0	0	0	0

FIG. 20

+90 DEGREE DIFFERENTIAL FILTER

0	0	1	0	0
0	0	0	0	0
0	0	-2	0	0
0	0	0	0	0
0	0	1	0	0

FIG. 21

SMOOTHING FILTER

1	2	2	2	1
2	4	4	4	2
2	4	4	4	2
2	4	4	4	2
1	2	2	2	1

FIG. 22

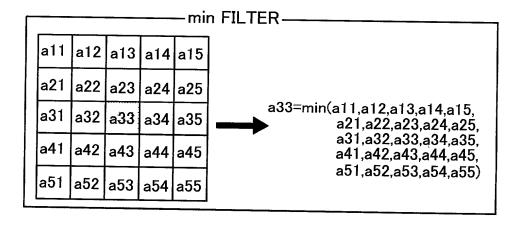
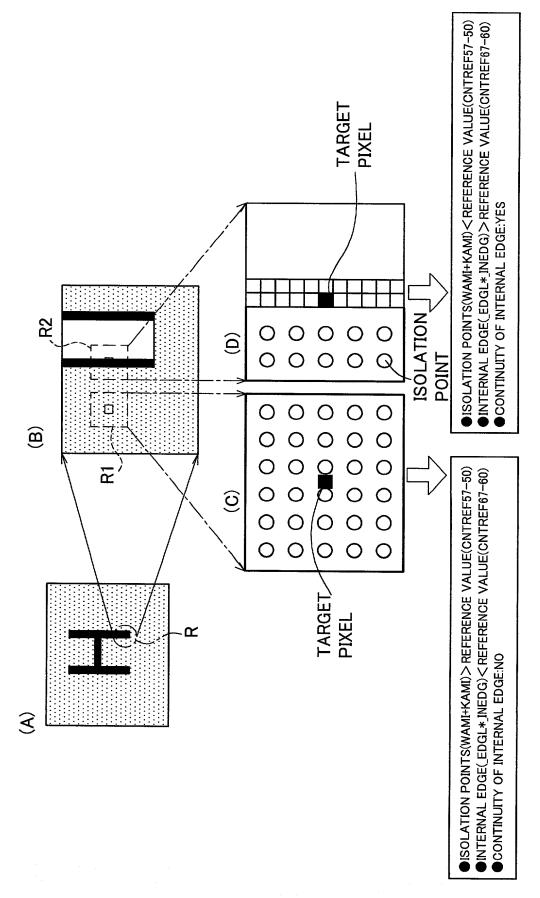


FIG. 23



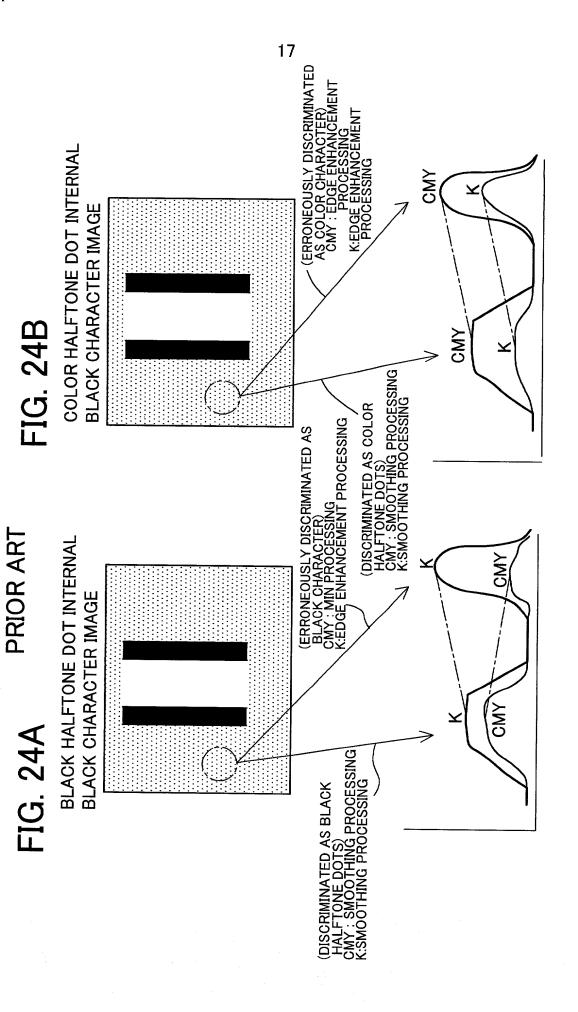


FIG. 25

